ABSTRACT OF THE DISCLOSURE

A data recording controller for properly adding data to a disc medium. The controller includes a data location
5 counter for performing counting in synchronism with reproduction of data written to an optical disc. An LPP location counter performs counting in synchronization with reproduction of a disc address recorded to the optical disc. A detection circuit detects the difference between a data
10 format address recorded to the optical disc and an optical disc address recorded to the optical disc from count values of the two counters. A control unit calculates a recording initiation address from the detected difference. A timing control circuit determines a timing for starting the
15 recording of additional data from the recording initiation address.